

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>  
Subject: \*\*> WEB addresses NEEDED (II) <\*\*  
Message-ID: <1.5.4.32.19970509174306.0069bbe8@sandra.ctv.es>

Hello hollowstater :-)!

Well, I received about a dozen or so messages with links to list members pages. I've added and sorted all of them to my page (at least, I hope so; let me know if I missed any!) but I'm pretty sure there are lots missing... Now I have over 25 links to list members pages (please, take a look to them at my WEB page, links section. The address is below, in the signature) but I guess there could be twice this quantity or more. So, \_please\_, let me know the missing ones!.

Best regards and THANKS to all the past and future :-) contributors to my links page.

JOSE

-----  
73 JOSE V. GAVILA (EB5AGV / EC5AAU)  
Ausias March 46, 15  
46910 Benetusser - VALENCIA  
SPAIN

\*\*\*\*\* PLEASE, VISIT MY HOME PAGE! \*\*\*\*\*

<http://www.geocities.com/SiliconValley/6992>  
e-mail: eb5agv@ctv.es & eb5agv@amsat.org  
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From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: "Paul Christensen" <paulc@ccse.net>  
Subject: 1929 Hartley Transmitter Power Supply  
Message-ID: <19970509022245.AAA26066@ccse.net.ccse.net>

Looking for a high voltage power supply to power my ca. 1929 Hartley transmitter. Ideally, I would like the B+ at approximately 350 volts, together with a 7.0 or 7.5 volt @ 3 amp filament transformer. If I have to build, I will...but I thought I'd ask before starting in on the adventure. There must be a lot of supplies out there that meet the B+ criteria, but the filament voltage must be between 7.0 and 7.5 volts.

This transmitter uses an authentic brass-based/tipped-envelope ca. 1921, UV-202 Radiotron, the first vacuum tube designed for amateur transmitters

and I can't wait to try it on 80 and 40 meters.

-Paul, W9AC

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Eugene Rippen <soundval@foothill.net>  
Subject: Re: ?? MT 834/CRD-2A ???  
Message-ID: <33729850.2546@foothill.net>

Eugene Rippen wrote:

I got this thing today.

It is a rack about 3 ft tall.

3 sections mounted. Fully occupying the rack.

Back hinged door.

Good shielding.

Has a Super Pro in the top section. Looks good, supposed to work.

Of course, has a broken shaft with knob missing, for the phasing control. At least half of all the Super Pro's I have had or seen had this problem. Meter is a replacement.

Has a small speaker mounted in the center section.

Bottom is power supply behind a plain panel.

Does not appear to be a Hammarlund PS.

Label on the side of the rack cabinet says:

Signal Corps

Rack MT 834/CRD-2A

Serial Number 30

Order # 20603-PH-49

Specialty Assembling & Packing Co. Inc.

Here is my question.

Did Specialty..... really assemble this? If so did they supply the PS? In other words is this the original of what the label purports? Or, was something else in this Case originally?

I don't think I intend to keep this. Haven't decided yet. I want to fire it up. I took it straight to the storage, because of its size. What the range of value?

Gene

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Ken Gordon <keng@uidaho.edu>  
Subject: Re: ?? MT 834/CRD-2A ???  
Message-ID: <Pine.BSF.3.95.970508203535.17607B-100000@piobaire.mines.uidaho.edu>

On Fri, 9 May 1997, Eugene Rippen wrote:

> Eugene Rippen wrote:  
>  
> I got this thing today.  
>  
> It is a rack about 3 ft tall.  
> 3 sections mounted. Fully occupying the rack.  
> Back hinged door.  
> Good shielding.  
> Has a Super Pro in the top section. Looks good, supposed to work.  
>       Of course, has a broken shaft with knob missing, for the  
>       phasing control. At least half of all the Super Pro's I  
>       have had or seen had this problem. Meter is a replacement.  
> Has a small speaker mounted in the center section.  
> Bottom is power supply behind a plain panel.  
>       Does not appear to be a Hammarlund PS.

This sounds like a BC-779 to me. What do you all think?

Ken W7EKB

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Tom Norris <badger@telalink.net>  
Subject: Re: ?? MT 834/CRD-2A ???  
Message-ID: <3.0.1.32.19970508225541.00a70100@telalink.net>

The CRD-2 is a DF set if I recall, I remember seeing it mentioned in some literature years ago.

>From the tag, Specialty probably just made the mount/cabinet. Various cases, racks, mounts for most gear is contracted out if the said rack is seperate from the actual gear itself.

Modern gear is the same way, the PRC-119/VRC-91 et al SINGARS setup for example - the radio may be made my Litton, the amp unit by Hughes, the control box by Tadrian, the mounting base by Fred's Sheet Metal ( in podunk, but he got low bid )

So, While the CRD-2 may have had a Super Pro or two in it, they may be just part of the system, most likely.

If I could find the the info on the CRD-2, I might find that it DOES contain a BC-779 (SP-110). Dunno. Didn't say which flavor of SP was in there.

Or, someone had the cabinet lying about.

But, it is late I am tired, but will send this rant out anyways.....

Flame at will.

At 03:23 AM 5/9/97 GMT, you wrote:

>Eugene Rippen wrote:

>

> I got this thing today.

> Label on the side of the rack cabinet says:

>       Signal Corps

>       Rack MT 834/CRD-2A

>       Serial Number 30

>       Order # 20603-PH-49

>       Specialty Assembling & Packing Co. Inc.

>

-----  
Please visit The Mil List for info on military communications gear:

[HTTP://telalink.net/~badger/millist/mi.html](http://telalink.net/~badger/millist/mi.html)

This is a non-comercial endeavor strictly for providing info for those who have a need for it - and intertainment for those who dont....

ANY and ALL Contributions Welcome.

\*\*\*\*\*

Tom Norris KA4RKT

badger@telalink.net               Nashville, Tennessee, USA

thermionic@techie.com

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\*\*\*\*\*

From boatanchors@sco.theporch.com   Fri May 9 14:16:06 1997

From: "P. J. Rovero" <provero@connix.com>  
Subject: Re: ?? MT 834/CRD-2A ???  
Message-ID: <Pine.BSI.3.95.970509082737.27222B-100000@comet.connix.com>

The BC-779A is a Hammarlund SP-210LX. The 110 is an earlier version.

P. J. "Josh" Rovero	email: <a href="mailto:provero@connix.com">provero@connix.com</a>
Oceanographer	work: <a href="mailto:rovero@sonalysts.com">rovero@sonalysts.com</a>
Meteorologist	radio: KK1D
Curmudgeon at Large	web: <a href="http://www.connix.com/~provero/">http://www.connix.com/~provero/</a>

On Fri, 9 May 1997, Tom Norris wrote:

>  
> If I could find the the info on the CRD-2, I might find  
> that it DOES contain a BC-779 (SP-110). Dunno.  
> Didn't say which flavor of SP was in there.  
>

From [boatanchors@sco.theporch.com](mailto:boatanchors@sco.theporch.com) Fri May 9 14:16:06 1997  
From: William Donzelli <[william@ans.net](mailto:william@ans.net)>  
Subject: Re: ?? MT 834/CRD-2A ???  
Message-ID: <199705090720.AA27617@interlock.ans.net>

> Here is my question.  
> Did Specialty..... really assemble this? If so did they  
> supply the PS? In other words is this the original of  
> what the label purports? Or, was something else in this  
> Case originally?

I think the innards to this piece are not original. The original AN/CRD-2 was a follow-up to the Navy DAQ/DAU and Signal Corps SCR-291/502 HFDF sets. The supplied receiver was an interesting looking RCA thingie. The system also had a CRT, showing the reception pattern of the crossed-loop antenna (useful for figuring the bearing of a specific signal).

I am pretty sure I have a manual for this beast, and can confirm this when I get home.

William Donzelli  
[william@ans.net](mailto:william@ans.net)

From [boatanchors@sco.theporch.com](mailto:boatanchors@sco.theporch.com) Fri May 9 14:16:06 1997  
From: Mail List Owner <[listown@jackatak.theporch.com](mailto:listown@jackatak.theporch.com)>

Subject: ADMINISTRIVIA: Using The Archives  
Message-ID: <9705091115.aa04404@jackatak.theporch.com>

Gang-

This periodic post is designed to help everyone gain more value from their boatanchors subscription.

SAVE THIS FILE FOR FUTURE REFERENCE!!!!!!

Often I receive an email request, or I read on the list, of someone who is aware there is an archive available with some special files with special information that is of a more permanent nature than a post to the list, but who is unaware of how to retrieve these gems.

In the archives, there are cross-reference tables for Tubes, Military Equipment Nomenclature, suggestions for restorations and modifications to our beloved fire bottle rigs, and some wonderful stories of real adventures and the people involved.

These files may be accessed by email... quickly and easily.

Step One:

send an email (leave the subject blank, or, if your mailer requires a subject, type a single character, like "a" in the subject box) to:

listproc@sco.theporch.com

Step Two:

in the body type:  
index boatanchors

Step Three:

after checking out the index for files of interest, and finding the one or more you want to have sent to you, send another email to:

listproc@sco.theporch.com

and, in the body, type:  
get boatanchors file.name

where you substitute the name of the file from the index for "file.name"

This should get you off to a good start. If you encounter any problems, please let me know at the address below.

--

73

Jack, W4KH/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)  
- - - BoatAnchor Mailing List Archiver/Owner - - -  
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: John <johnmb@mindspring.com>  
Subject: AN/GRC-109  
Message-ID: <199705091349.JAA00601@brickbat9.mindspring.com>

Whoops!  
I forgot to describe what these things are.

The 3 pieces are a Special Forces transmitter, receiver,  
and power supply unit.

10W output from about 2Mhz thru 22Mhz, xtal controlled  
xmit, continuous coverage receiver....  
Neat little waterproof clamshell design....

After asking the group if there were any images online,  
Dick Dillman informed me that there were indeed, and  
they were on MY website... duh.....

click on: <http://www.mindspring.com/~johnmb/dillman4.htm>

...will take you there, I believe!

See you on 3579 this weekend with the "Angry 109"...  
/John

+-----  
| John Brewer- WB50AU/4  
| AMI #24 Vintage Radio Website  
| <http://www.mindspring.com/~johnmb/>  
+-----

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: John <johnmb@mindspring.com>  
Subject: Angry 109 fun in NC!  
Message-ID: <199705090016.UAA15420@brickbat9.mindspring.com>

PP 2684/GRC-109 #307  
R1004/GRC109 #134  
and  
T784/GRC109 #378

...arrived in central NC today, and, at least the first two units appear to work fine, after being in storage for who knows how many years.

The receiver and transmitter appear to have never been issued, as there are no scratches on the case, nor any at all on the front panel. While these are sold by Fair as used-unchecked, the Rx and Tx appear to be new. I'm immediately impressed by the quality of these units, with their machined knobs and high quality components and hardware. I was copying a european CW station on 20m, and also tuned SSB on 40 with no problems, with just 6' of wire as a test antenna. Stability is quite good.

While the built-in key doesn't rival my favorite Speed-X key for feel, it's adjustable in both tension and travel, similar to any other key, and works well!

The PS comes with a european-type plug, and I found an adapter at Radio Shack that allows use of this without hacking up the original cable.

Now...to meet ya on 3579...!  
Best 73  
/John

PS: thanks for the input on 80m co-existence with 1AW and their code practice. I agree that it's a rare enough tribute to CW from them as some of you have pointed out, so I shouldn't complain much. The suggestions to use more sophisticated gear however, goes against what I like that QRG for... stuff like this Angry 109, or my S19 SX53 setup, or the Conar twins or the like. Sure...I could put several other much better radios in line to solve the QRM issue, but I'll just wait for their QRT.

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Ronnie Hull <larebel@ms1.nwla.com>  
Subject: BA Boat .jpg  
Message-ID: <1.5.4.16.19970508182507.1d2fc1e2@ms1.nwla.com>

Does anyone have a .jpg of the Boatanchor Boat symbol?  
I have tried to scan it off of a printed page and it looks like crap. Would love to put it on my Amateur cards...



Ronnie

```
-----  
| Ronnie Hull - W5SUM  ex-WB5AIA      |  
| 3131 Meadow Parkway dr.            |  
| Shreveport, La 71108                |  
|                                     |  
| 318-688-1389  318-687-3135 Fax      |  
| 10X - 2019 "try ten meters!! "     |  
|                                     |  
| looking for a Johnson 500           |  
| (go ahead and snicker!! )          |  
-----
```

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: Ronnie Hull <larebel@ms1.nwla.com>  
Subject: BA Boat .jpg  
Message-ID: <1.5.4.16.19970509060846.3d9712b6@ms1.nwla.com>

does anyone have a .jpg of the BA ship on the web page?

I would like to put this on my Amateur Cards

Ronnie

```
-----  
| Ronnie Hull - W5SUM  ex-WB5AIA      |  
| 3131 Meadow Parkway dr.            |  
| Shreveport, La 71108                |  
|                                     |  
| 318-688-1389  318-687-3135 Fax      |  
| 10X - 2019 "try ten meters!! "     |  
|                                     |  
| looking for a Johnson 500           |  
| (go ahead and snicker!! )          |  
-----
```

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: kazott@juno.com (ott kazott)  
Subject: BA Radiation...  
Message-ID: <19970509.151005.12359.2.kazott@juno.com>

Hi Guys!

Well this is sort of radiation question...

Has anyone actually seen one of these BA meters glow? I have a half dozen or so of the 390/390A/391 rigs. Various contracts and manufacturers. All display radiation indications on a sensitive giger counter and yet, none one of the meters glows. Not even a little.

Was wondering, were they very bright, bright, dim, any color?

Anyone know why they don't glow now? Has the phosphor "burned out" if indeed the paint had phosphor in it?

Has the radiation dissipated to a level that is too low to support a glow? If this is the case, how hot were the meters at the time of manufacture?

Tnx, Ott

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Lenox Carruth <carruth@swbell.net>  
Subject: Re: Bakersfield, CA Hamfest and HamCom in Dallas, TX  
Message-ID: <337221C6.25BA@swbell.net>

Hal Waite wrote:

> Old timers tell me that HamCom in Dallas is good for boatanchors but  
> once again I have no info other than it is in early June.

HamCom is June 6, 7 and 8. Usually quite a few BAs. Prices vary widely. Since I only collect WW-II military communications gear, I can't give you a good reading on the civilian BA prices.

--

Lenox

-----  
-  
Lenox Carruth, Jr. Dallas, Texas  
Carruth@swbell.net  
Collector of WW-II Communications Equipment and Memorabilia

Wanted: Excellent TCS-14 Transmitter and Mounting Plate, TBX, LS-3  
-----  
--

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Guido ROELS <on6rl@tornado.be>  
Subject: BC 221 calibration book  
Message-ID: <199705081936.UAA04319@tornado.be>

On 80 meter last week, their started with the local gang here, a discussion about the frequency measuring contest with the BC 221. Someone came up with the question how the calibration book was made by the time the set was constructed. Nobody came with a valuable solution. Now may I put the question to the net: is their someone of the BC 221 club who can shine the light on this ?  
Many thanks, all the best to all de Guido. ON6RL

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Guido, ON6RL                    e-mail: on6rl@tornado.be                    PBBS: ON6RL@ON6AR

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: "David L. Thompson" <thompson@mindspring.com>  
Subject: Bristol "spline" wrenchs supplier  
Message-ID: <1.5.4.16.19970508155637.3e7f1766@pop.mindspring.com>

I was looking at Allen Bond's (WB4GNT) MGS web page today and notice he has complete sets of Bristol Spline wrenches for sale. The web page is:

<http://WWW.aaow.com/mgs/>

Dave K4JRB

Not connected to MGS message for info only!!!

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: 4CX250B@miavax1.acs.muohio.edu  
Subject: Re: Copy of: Re: TBX-5 WARNING  
Message-ID: <v03007804af97f400ea3b@[134.53.5.143]>

>>I suppose the question we have to ask here is simply this: how much risk  
>>are we  
>>willing to run to pursue a hobby?  
>>  
>>In any event, we should at least know that a risk DOES exist, so that we can  
>>make an informed judgement about it. This was my intention in posting the  
>>message.

>>  
>>73's,  
>>Tom, K9TA / WPE9GSX

I'm hesitant to embroil myself into this debate, but as a physicist I think what is called for is less speculation and more facts. Many things in everyday life emit radiation of one form or another (alpha particles, beta particles, gamma rays, etc.). Whether a radiation source is dangerous depends on the numbers -- whether the emission rate and exposure times exceed allowable safe tolerances.

Obviously, in years past, there was much ignorance about radiation safety, as evidenced by radiation illness in the early nuclear industry. (I recall stories of radiation sickness in persons who used to paint radium dials on clocks, caused by licking the end of the paintbrushes to make the tips finer.)

Today, however, a great deal is known about radiation safety, and radiation sickness is one of the most thoroughly studied illnesses. We can speculate all day long about whether R390 meters or whatever are dangerous. However, the problem can't really be answered unless someone actually cites the radiation level, calculates the dosage as a function of exposure time, and compares the number to the maximum recommended tolerance. We need more light and less heat about this subject.

73,

Jim Garland W8ZR

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: "William L. Fuqua III" <wlfluqu00@pop.uky.edu>  
Subject: Dayton  
Message-ID: <199705091847.0AA01375@pop.uky.edu>

Do we have a list for Dayton and also a list for subscribers.  
I'll be there and would like to know who is on the "boat anchor" list.  
I have flea market spaces 2141 and 2142.

73  
Bill wa4lav

William L. Fuqua III P.E. E-mail WLFUQU00@POP.UKY.EDU Phone (606) 257-4155  
Department of Physics and Astronomy CP-177 Chem. Phys. Bldg.  
University of Kentucky , Lexington, Ky 40506-0055

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: WA6GYD@aol.com  
Subject: Down East micro wave  
Message-ID: <970509025533\_20194590@emout14.mail.aol.com>

Thanks to all who helped. Dteve Kostro N2CEI bought it and moved it to New Jersey. New phone # is (908) 996-3584.

Don

BTW got the 416B amp operating pretty well on 1296. (for those who don't recognize the number it's a hollow state device).

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: "Paul Christensen" <paulc@ccse.net>  
Subject: Electric Radio Address?  
Message-ID: <19970508205854.AAA20952@ccse.net.ccse.net>

Does anyone have an address or phone number for Electric Radio?

Thanks!

-Paul W9AC

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: joelutz@juno.com (Joseph W Lutz)  
Subject: Re: Electric Radio Address?  
Message-ID: <19970508.230920.2934.1.JOELUTZ@juno.com>

Paul,

Electric Radio,  
14643 Country Road G.  
Cortez, CO 81321-9575

970 - 564-9185

email: er@frontier.net

Good luck!

73 de JOE

- - - - -W7LPF/4 (NNN0KUU)- - - - -  
QWCA - NCVA - SOWP - FISTS  
Gordonsville, Va 22942 (Orange County)  
Looking for: Heathkit HR/HX-20, MR/MT-1,  
Collins 516F-2, 312B-4, EFJ TR Switch  
- - - - -

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: ARONGV@aol.com  
Subject: Re FS: Crystals/Crystal Box  
Message-ID: <970509111354\_-298583194@emout01.mail.aol.com>

Hi Gang:

Thanks for the interest in the bidding. They're gone.

W00IZ Kansas City

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: "William C. Robbins" <billrobb@net-link.net>  
Subject: FS: Heath Items  
Message-ID: <199705091211.IAA06566@serv01.net-link.net>

All of the following is going to Dayton unless its sells here first:

Heath	Twoer	\$25	
	SB-10	65	
	GR-91	15	Plays, no knobs, rough
	BR-2	15	Does not play
	DX-100 Panel	7	
	VF-1	45	
	HW-7	45	Does not play
	HW-8	75	Does not play
	HW-202	35	Powers up/Modified
	HW-32	45	Unknown condx
	HW-18	50	4.5mhz
	HW-16	65	
	IT-18 Trans Ckr	25	

SB-630	65	
DX-40	55	Complete/unknown condx
DX-60B	45	Needs function switch
DX-20 Cabinet	10	2 of these
Much HiFi		Mostly solid state. Some tube
Many manuals		

Will deliver to Dayton

Bill

William C. Robbins  
 WA8CDU Formerly WN8CDU  
 Heath Collector

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
 From: "John D. Peters" <k1er@gte.net>  
 Subject: Re: FSK in the U.S. Navy  
 Message-ID: <33728E4C.3641@gte.net>

Ho4bart@aol.com wrote:

>  
 > In a message dated 97-05-06 03:02:31 EDT, k1er@gte.net (John D. Peters)  
 > writes:  
 >  
 > << > When did the U.S. Navy start using FSK? The earliest bits of equipment I  
 > > have seen date from the very last days of World War 2 - was this the  
 > start?  
 > > >>  
 >  
 > okay, so maybe the navy began later with FSK, later than the army?  
 > were none of the navy's WW2 "fox" fleet broadcasts done via TTY ?  
 > i have a navy photo of a comm center on Okinawa during the fighting  
 > there. in the photo one sees TBX 's used as monitor receivers and  
 > also several TTY machines with Super Pro receivers. so we may want  
 > to forget that 1947 speculation.  
 > hue miller

The quote includes someones original question "WHEN" and my response that I know the FOX to surface ships was RTTY by Korea, and still CW to submarines in 1960. The broadcast to the missile submarines was always

RTTY. I suspect that CW and RTTY may have run all during WWII with the same ZBO on multiple broadcasts.

I don't know whether the Signal Corps or NavComm tried it first, but the Navy guys didn't have to carry it or load it on a mule so maybe Navy tried it first. Some WWII communicator may remember. All my friends from those days are SK.

73 John K1ER

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Stefan A Schulz <sas1757@tntech.edu>  
Subject: Good Bye for now....  
Message-ID: <Pine.PMDF.3.95.970508015933.539062743C-100000@tntech.edu>

Dear Ba Gang,

Unfortunately, the college semester has ended once again. I don't know whether or not the school closes student e-mail accounts during summer (Yes they used too...). It may be a bit before I can get e-mail access other than through the school. I hope to get a GRC109 set this summer and a licence ( I can copy about seven WPM so i'm gettin there)! I now say my temporary auf wedersehens and cheers. Happy DX hunting and BA buying.

TNX es 73's

BABABABABABABABABBABABABABABABABABABABABABABABA  
BA BA  
BA Stefan Schulz BA  
BA Tennessee Technological University BA  
BA Cookeville TN 38505-001 BA  
BA SAS1757@tntech.edu BA  
BA Deutsch und Chemie BA  
BA BA junge BA  
BA BA  
BAB

Interests:  
regens, military radio, photography,  
and all that other related expensive stuff!



From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: don merz <71333.144@CompuServe.COM>  
Subject: Help--PRC-25 & BD-71  
Message-ID: <970509031928\_71333.144\_DHB61-7@CompuServe.COM>

A friend of mine needs battery box CY-2562/PRC-25 and TM 11-330 for the BD-71 or BD-72 switchboards.

Can anyone help?

73, Don

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: jeffa@ix.netcom.com (Jeff Anderson)  
Subject: Hickock repair/parts  
Message-ID: <199705090446.XAA29269@dfw-ix6.ix.netcom.com>

Does anyone know of a source for Hickock tube tester parts and/or repair?

Thanks!

- Jeff, WA6AHL

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: wally@mindy.sys.sdl.usu.edu (Wally Gibbons)  
Subject: Manual help,,,  
Message-ID: <9705082015.AA21086@mindy.sys.sdl.usu.edu>

Hi all,

Just picked up an HP Model 428B (clip on ammeter), and an OLD RCA oscillograph. The RCA has the 1 inch CRT, quite the antique. I know of a NIB replacement so spares should not be a problem. Both are very nice and I'm looking for manual copies if anyone has one availble for either. Expenses gladly reimbursed...

Thanks.

Wally Gibbons  
wally@mindy.sys.sdl.usu.edu

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: Roland S Geter Sr <wb6lna@primenet.com>  
Subject: My Subscription .. ..  
Message-ID: <199705091057.DAA18884@usr07.primenet.com>

What happened?

Roland

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: Al Klase <skywaves@bw.webex.net>  
Subject: Navy Connectors  
Message-ID: <337327B5.D97@webex.net>

Gentlemen,

I have two connectors that look like oversized octal tube bases, but having only seven pins. On the back they say:

10H/258-B

NAF 68926-2

PL-182

Does anyone know what these are for? I'd like to trade for command set connectors.

CUL,  
Al

--

Al Klase - N3FRQ  
skywaves@bw.webex.net  
Flemington, NJ

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: sinned@VNET.IBM.COM  
Subject: Need HV diodes

Message-ID: <199705082155.VAA12374@sco.theporch.com>

Anchorites

Does anyone know of a source of rectifiers/diodes in the 3-6 KV @  
at 350MA range? At reasonable prices? My local parts store sold out  
and I'd prefer not to mess with stacks of smaller units, etc. Need to  
build bridge rectifier for 1200-1500VDC, choke input, supply.

Thanks,  
Dennis W5FRS  
sinned@vnet.ibm.com

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Rolf Jansson <rolf.jansson@ub.umu.se>  
Subject: oil  
Message-ID: <337253AC.3823@ub.umu.se>

I am going to "oil" my r390a rf-gear train assembly,  
and I don't know what to use ?  
Anyone having a good suggestion,

73 Rolf  
SM2MZC

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Don Ehrlich K7FJ <72254.1270@CompuServe.COM>  
Subject: Old HRO senior Rcvr  
Message-ID: <970508225241\_72254.1270\_IHC33-1@CompuServe.COM>

I have a chance to buy a very nice HRO Sr receiver, circa about 1939. It is  
complete  
with all coil sets from 100 Kc to 30 Mc, power supply, speaker, and original  
manual.  
I didn't look closely at the time I saw it but I remember it as looking nearly  
new.  
It had been used by Coast Guard and then stored.

I'm not sure it works but that can be verified before purchase. Asking price  
around  
250 dollars seems steep but is it really?

Don Ehrlich K7FJ Seattle

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: Don Ehrlich K7FJ <72254.1270@CompuServe.COM>  
Subject: OLD HRO SR  
Message-ID: <970509164135\_72254.1270\_IHC64-1@CompuServe.COM>

I have decided to pass on this one. Just not a good month for me to be spending more money on toys. The overwhelming consensus is that it is a great buy. I know a little more about the radio from another list member who had also seen it ... and who knows more about the HRO rcvr than I do. Here are a few of Steves notes ( gjposey@worldnet.att.net).

----- Notes from gjposey@worldnet.att.net -----  
Note that the spkr is NOT original. The PS IS original, but has had the data plate removed, and the output socket replaced (!). And last, the cabinet has a number of extraneous holes drilled to mount the rack-mount "ears", and there is some metal rework on the back panel also, as I remember.

Yes, it is a nice unit. As of Wednesday he's cleaned it up, and it does look good; not much evidence of molestation inside. I'd be sorely tempted if I didn't have a really nice one already.

He doesn't seem inclined to move much on the price ... at least when I last talked with him. If it's your first one, and you hanker after an original HRO it's a decent unit. On the other hand, I passed it up, even though the original ps (with 80 rectifier, not 5Y4 or 5Y3) and the low freq coilsets tempted me.

If you do get it, let me know; I've got reprints of some GREAT background articles on the hummer; happy to share them with you (I'm in Seattle, too.....)

-----

The HRO is at The Olde Technology Shop in Seattle 206 527 2829 which is open roughly 1:00 to 6:00 Wednesday through Saturday, Sundays 2:30 - 5:00. Steve, the proprietor, is not rigorous in the hours he keeps.

THANKS to all who responded to my HRO question. I really appreciate the interest and information.

Don Ehrlich K7FJ Seattle

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997

From: Jderm740@aol.com  
Subject: Questions on the TBX  
Message-ID: <970509121844\_841477032@emout03.mail.aol.com>

I don't know about the radiation factor but looking at the schematic for the TBX 8 (similar to the 5) this looks like a real turkey. It uses 1.5 volt tubes in the receiver, 3 volt and 6.3 volt in the transmitter. This thing might have been a good starter set right after the war when there was hardly anyone on the air, but today it wouldn't be much better than your father's Philco.

Lots of luck  
jderm740@aol.com (Jack Mc Dermott)

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: "Yves Dussault" <dussault@vipxlnet.com>  
Subject: R46 speaker wanted  
Message-ID: <3.0.1.32.19970509144049.006a4b70@vipxlnet.com>

Hi everybody!  
In order to complete the replica of one of my first ham station, I need a Hallicrafters R46 speaker. I would like it to be nice as my newly acquired Ranger II and SX71 are almost in a showroom condition!  
Do you have such a speaker doing nothing for sale?

73

VE2ATD (ex YB8AEG, ex F0DDE)

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: "D. Ragsdale" <doragsda@polymail.cpunix.calpoly.edu>  
Subject: Radiation Safety & BAs (long)  
Message-ID: <199705091607.JAA00907@monet.artisan.calpoly.edu>

I'm operating on the belief that this is germane to the list, since several of the radios we discuss here contain radioactive materials.

I am the Radiation Safety Officer at a large university. I handle (when I have to) radioactive sources of up to 3 curies (that's a LOT), so I do not quiver and faint at the word "radiation", but I do think there is a lot of confusion being parlayed about this subject the last couple of days. I also asked the question about the TBX, so I'll give my two cents.

There are two separate issues at work here: one issue is the potential exposure from radioactive materials sitting on our radios in the shack while we play with them. I will call this the irradiation hazard.

The other issue (though quite related to the above) is the hazard presented by radioactive materials on the gear which could get accidentally wiped off on your fingers and which could subsequently get into your body by ingestion. I will call this the contamination hazard.

The irradiation hazard from most radios I could imagine isn't worth fretting about. The radiation dose rate at normal operating distances will likely be barely discernible above background levels. Remember that you are being irradiated by gamma rays all of the time from the sky, from concrete, brick, etc. That doesn't mean it's good for you, it just means the small incremental increase from your BA is lost in the noise.

The contamination issue is very different though. You don't really need to worry if the radium paint is inside a meter where you can't touch it. But (as on the TBX) the radium paint is on the front panel controls, then the real possibility exists that you could wipe small amounts of radium off on your fingers, then eat or smoke, ingesting the radium. This means you now have an alpha emitting (the worst kind) radioactive material inside your body, where it provides you with a radiation dose all day everyday until and if it is eliminated from your body. Does this small amount of material pose a significant health risk? No one knows - anyone who says they do is not basing that statement on facts, they're basing it on wishful thinking one way or the other. I believe the prudent thing is to not eat any radium paint.

So, what to do. The most reasonable solution seems to be to try to "seal" the radium in some way. What we're trying to do is put some sort of physical barrier between you and the paint. I would think a spray on clear lacquer or varnish would probably work best. Maybe even clear fingernail polish, though I don't know if that would stand much handling.

You can check for possible contamination easily if you have access to a geiger counter. Put on disposable rubber gloves. Take a piece of tissue and fold it into a pad about two inches square. Wet it very lightly with rubbing alcohol, then wipe it over the surface you're interested in. Put the open part of the geiger probe right up against the tissue. If you get readings above normal background, then you have just demonstrated the presence of loose radioactive contamination - this is the stuff that could wind up on your sandwich if you eat in the shack - not good.

As someone who works in the safety field daily, I feel the highest hazards with our gear are electrical shock and fire, these dangers clearly and rightfully warrant the bulk of our concern. But we should not sell the radiation hazard short, at least on those few radios that present it.

Dave

David Ragsdale, R.E.H.S.                      Risk Management  
California Polytechnic State University, San Luis Obispo, CA  
du651@oasis.calpoly.edu                      or                      doragsda@cymbal.aix.calpoly.edu

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: "Allan Fritsche" <fritsche@msn.com>  
Subject: Radiation Worries Again?  
Message-ID: <UPMAIL03.199705090023190663@msn.com>

Hey Gang, thought I would put my two centavos in this discussion.  
Had a couple of extra R-390A meters and didn't know what to do with them.  
My wife said it was my turn to cook tonight, so I said , Fine Iam going to  
try some radioactive stew... Shelled the R-390A meters (What a Job)  
and put them in a pot.. with onions and carrots naturally.

Waited for an hour and tasted, Phooey- Needs some more radioactivity.  
Found an old watch from the 50's , did take off the leather band and then  
chunked it in. Stewed for another hour and ate it all.

Went to bed early for a change and with my ever faithful Dachshunds by  
my side in bed, We went to sleep...

About 3:00 AM I woke up and looked around.  
My wife was belly up along with both dogs an their stomach area was  
glowing a faint green and after a moment yellow and then red.

Geeze, I was really worried until I realized that the back window to  
our bedroom was close to a traffic light.

Don't worry about radiation from the boats  
Worry about whats in the drinking water.  
See Ya  
Al  
fritsche@msn.com

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>  
Subject: RE: Radiation Worries Again?

Message-ID: <32178.owen@piper.eeel.nist.gov>

In message Fri, 9 May 1997 00:25:04 GMT,  
"Allan Fritsche" <fritsche@msn.com> writes:

> Don't worry about radiation from the boats  
> Worry about whats in the drinking water.  
> See Ya  
> Al  
> fritsche@msn.com  
>

Right on Al. You'll get more from your well water, radon (in certain areas), the bricks in your house etc. And these are constant sources of radiation not the intermittent type you get when you get close to the radio. Anyway if you're worried why not take the knobs off and use someother knob, wrap the original in lead foil and put away safely until you sell the rig. Oh yes watch those Fiesta Ware dishes, the pretty orange ones, pure uranium trioxide. 73 Jim K4CGY

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: "Walter L. Marshall" <wmarshall@CapAccess.org>  
Subject: RE: Radiation Worries Again?  
Message-ID: <Pine.SUN.3.91-FP.970509095859.4409B-100000@cap1.capaccess.org>

What about the cobalt in blue?  
Walter

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Surplus Al <surplsal@tl.infi.net>  
Subject: Radio Active  
Message-ID: <33717D2C.3B5F@tl.infi.net>

Greetings Fellow BA,S I will be at the DAYTON Hamvention My spots are 2176-2177-2178. Be there with lots of Goodies. Also if anyone wants to DISPOSE OF A RADIATED BA, I will have lots of room to take it off there hands at no charge. I'm a real good sport. 73,s Surplus Al

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: "Daniel H. Arney Jr." <kn6di@idt.net>  
Subject: Re: Radio Active  
Message-ID: <33727774.2214@mail.idt.net>

Al ifSurplus Al wrote:

>

> Greetings Fellow BA,S I will be at the DAYTON Hamvention My spots are



> 2176-2177-2178. Be there with lots of Goodies. Also if anyone wants to  
> DISPOSE OF A RADIATED BA, I will have lots of room to take it off there  
> hands at no charge. I'm a real good sport. 73,s Surplus Al  
any of the Radioactive scardy cats on the west cost are worried about  
geting burned by the BA's I will take all west of the Rockies.

If you put one of them in a lead lined box and a dossiometer in and  
sealed it and came back in about 15 years and had the dossiometer  
checkedit would not read dip squat.

They better open the eyes while crossing the road thats a lot more  
dangerous.

Just make sure when you send the knobs the required equipment is firmly  
attached.

Hank  
KN6DI

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: Ho4bart@aol.com  
Subject: Re: Radio Active  
Message-ID: <970509132432\_1719797504@emout16.mail.aol.com>

In a message dated 97-05-09 03:45:21 EDT, kn6di@idt.net (Daniel H. Arney Jr.)  
writes:

<< Just make sure when you send the knobs the required equipment is firmly  
attached.  
>>

Fine. when i eventually swap out the thumbwheels in this TBX,  
i will mail you the old ones so you can use them as lighted  
paperweights on your desk. actually, since they're shedding,  
they'll light the way to your desk too.  
hue

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: tomrice@netcom.com (Tom R. Rice)  
Subject: Re: radio activity dangers  
Message-ID: <199705090028.RAA05716@netcom6.netcom.com>

>  
> I'm hesitant to embroil myself into this debate, but as a physicist I  
> think what is called for is less speculation and more facts. Many things

<snip, snippity snip>

> radiation level, calculates the dosage as a function of exposure time, and  
> compares the number to the maximum recommended tolerance. We need more  
> light and less heat about this subject.

I can remember when I had several containers of uranium salts stashed in my desk drawer, back in the Fifties when I was into Geiger counters. I had a wristwatch that drove the counter off the scale. I still have some WWII aircraft instruments that radiate like mad. I, for one, would not hesitate to have such a radio on my desk.

Radiation is, like almost everything else, something to be understood, quantified if possible, and treated knowledgeably. In today's hyper society, we are taught knee-jerk reactions to "trigger words" without any understanding. It works, I'm convinced, because of the paucity of any kind of science training in our schools, a topic well outside the purview of this list, but one which, I can guarantee, triggers my tempestuous reactions ;-)

73 de WB6BYH

"Remember, you must always grind forward, never backwards."  
--Sally to Buster in "The Cameraman"

--

"Start off every day with a smile and get it over with." --W.C.Fields  
Tom R. Rice  
tomrice@netcom.com  
CIS: 71160,1122

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Mike Maloney <ac5p@ionet.net>  
Subject: Re: radio activity-what is it?  
Message-ID: <199705090345.WAA27493@mail.ionet.net>

Hi Tom, Interesting your reply below. You write like a knowledgeable fellow on the subject. I have been wondering for several years now; just what is/are the properties of radiation apart from its action/reaction with charged particles? Between the accelerating electric charges on the transmitting device and receiving device just what 'waves' in the intervening space? Maxwell's equations do not indicate to me a complementary exchange of energy between the E and H "fields" whatever they may be. I know of no experiments which demonstrate any action whatsoever between

fields in space apart from their interactions with charged particles. So the question is: What waves and how does "it" wave?

Mike

At 12:29 AM 5/9/97 GMT, you wrote:

```
>>
>> I'm hesitant to embroil myself into this debate, but as a physicist I
>> think what is called for is less speculation and more facts. Many things
>
>         <snip, snippity snip>
>
>> radiation level, calculates the dosage as a function of exposure time, and
>> compares the number to the maximum recommended tolerance. We need more
>> light and less heat about this subject.
>
> I can remember when I had several containers of uranium
> salts stashed in my desk drawer, back in the Fifties when
> I was into Geiger counters. I had a wristwatch that
> drove the counter off the scale. I still have some WWII
> aircraft instruments that radiate like mad. I, for one,
> would not hesitate to have such a radio on my desk.
>
> Radiation is, like almost everything else, something to
> be understood, quantified if possible, and treated
> knowledgeably. In today's hyper society, we are taught
> knee-jerk reactions to "trigger words" without any
> understanding. It works, I'm convinced, because of the
> paucity of any kind of science training in our schools,
> a topic well outside the purview of this list, but one
> which, I can guarantee, triggers my tempestuous reactions ;-)
```

73 de WB6BYH

```
>
>
> "Remember, you must always grind forward, never backwards."
>         --Sally to Buster in "The Cameraman"
>
>
>--
>"Start off every day with a smile and get it over with." --W.C.Fields
>Tom R. Rice
>tomrice@netcom.com
>CIS: 71160,1122
>
>
```

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: bdhall@ghg.net (Benjamin D. Hall)  
Subject: Re: Radioactive switch in R-366  
Message-ID: <3.0.32.19970508172415.006c0ca0@mailman.ghgcorp.com>

>Yikes, which switch is radioactive in the R-366?

>I've had all the kids I'm going to have but might like to be around

>to see the grandkids.

Hi Denny and list... I should have stated that the radioactive switch I removed from my R-366 was a modification added by the last owner to mute the speaker when headphones were used. It is not an original part.

Thanks and 73,

Ben

---

<color><param>0000,0000,ffff</param><bigger>Benjamin D.  
Hall</bigger></color>, junque collector extraordinaire, Located in  
Houston, Texas.

<color><param>ffff,0000,0000</param>e-mail</color>: BDHall@ghg.net  
<color><param>ffff,0000,0000</param>web:  
</color><http://www.ghgcorp.com/bdhall>

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: Brian.Harris@sv.sc.philips.com (Brian Harris)  
Subject: RCA BC Mike  
Message-ID: <00019E61.1914@scs.philips.com>

I need help with identification and specifications (impedance, level, frequency response and shape) off an RCA microphone I just acquired. It has some history, having come from Dallas radio station WFAA some forty years or so ago. I intend to use with my RCA broadcast transmitter if it makes sense.

Physically, it looks like a HUGE pill (capsule). It is about 8 inches long and 2.25 inches in diameter. The upper part is chrome plated and has holes.

The bottom part is black and has chrome ring with the RCA emblem. The connector comes off the back of the lower section. At the very bottom of the "capsule" there is a hole with a screw adjustment. Marked on the housing are the letters, U, B, and N. Is this a frequency response setting or could it be for directional control?

There is a U-shape chrome bracket which allows the microphone to rotate in its heavy metal stand. There is a label on the underside of the stand that says "Microphone Desk Stand, Type 312 (this is a guess since the label is damaged) and MI-409".

Any idea what it's worth? No, I don't want to sell it! Oh yes, it even came with the original cloth cover which has a zipper. Ain't life great!

Brian Harris - WA5UEK - The Cosmophone Collector

- \* 200+ Boat Anchors and counting
- \* Wanted: Cosmophone, 30J, any type 30K, KW-1, early Collins
- \* Cosmophone owners please contact me for registry.

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997

From: "al parker" <al\_parker@kacc.com>

Subject: Re: RME 4300

Message-ID: <9704088631.AA863135005@ccuucp.kacc.com>

Doug, K0PX, wrote;;

>I picked up a RME 4300 receiver last night. Looks in pretty good  
>shape, but

>

>Any comments regarding the performance of the RME 4300 would also be  
>appreciated.

Doug, I can't help with the manual, unfortunately when I sold my 4300 years ago, I wasn't smart enough to keep a copy of the manual, as I now do on everything. Bought mine new in 1957, I think, shortly after they came out. Biggest problem I had was mechanical--the vernier drive, 75 to 1 reduction, brinnelled the center shaft, which was 1/4 inch to fit the knob, but turned down to about 3/16" where the balls rode on it. I got a later model replacement from a sympathetic soul at the factory after they had discontinued making receivers (and all else??). As I remember, he said he happened to have it in his desk drawer. Maybe the 4350 had an improvement. The replacement failed also, and the vernier was very erratic when I sold it, about 1975. Keep the pressure on the spring plate behind the knob as light as you can without the drive slipping-it's adjusted by the 3 screws. Also,

image rejection on 10 meters was terrible, but about par for single conversion receivers with 455 kc IF's. Guess the 4350 took care of that as it was double conv.

Good luck.

73, Al, W8UT al\_parker@kacc.com  
Dublin, CA

A fanatic is one who doubles his efforts after forgetting his objective.

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: mashaum@fcg.net (Mark Shaum)  
Subject: RME 4300 manual  
Message-ID: <M.050997.105333.89@versa6k.statefarm.com>

Doug, drop me your mailing address and I'll be happy to copy my 4300 manual, no charge. If you happen to have a manual or schematic for the 4301 SSB adapter, or a DX-60 transmitter, those I could use in trade, if available. If you can find a companion RME 4301, do grab it if the cost is low (it ought to be, this SSB adapter isn't near the performance or complexity of the Hammarlund HC-10, for example, but it does work!).

Though I haven't used it frequently, I like my 4300, although the vernier dial mechanism is worn to where some slipping cannot be avoided. The small ball bearings (don't lose them if you ever disassemble your vernier mechanism for cleaning) have just worn into the races far beyond attempted repair with various grade greases, or lack of same. I considered locating oversize bearings, but found a junker RME VHF converter with the same dial mechanism (that doesn't have RME SlipItis), so I'll swap the two someday.

The 4300 is decent as far as single conversion 455khz IF sets go. Not so hot on the high bands, and a little drifts on 10, but fine on 160, 80 and 40. Easy to find and cheap 7/9 pin minerature tubes. The single crystal 455khz filter isn't as impressive as the one on my 75A3 or older Hammarlunds, but it's effective when needed. I was not able to get the dial calibration to be any better than 5khz off at worst point on any band except 160, but this isnt a big deal. When my shack gets back together after AC mains rewiring, the 4300/4301 will may next to a Viking II as the primary 160 meter AM rig. Nice smooth tuning on 160, with 200khz spread over the entire dial!

73! - Mark

> Date: Thu, 8 May 1997 12:13:02 -0500  
> From: douga@rosevax.rosemount.com (Doug Arntson)  
> To: boatanchors@theporch.com

> Subject: RME 4300 Manual  
> Message-ID: <199705081713.MAA05396@scar.sunserv>  
>  
> Greetings,  
>  
> I picked up a RME 4300 receiver last night. Looks in pretty good shape, but  
> it will need a little cleaning up. Will bring the power up slowly  
>  
> I would like to obtain a manual copy if possible so that I can align  
> the radio once I get it running. I would be glad to pay the appropriate  
> costs or trade for a manual I may have. I have fair collection of Collins,  
> Heath, Drake and Johnson manuals.  
>  
> Any comments regarding the performance of the RME 4300 would also be  
> appreciated. I looked up the specs in Osterman's book, and it doesn't appear  
>  
----

Mark Shaum, K9TR  
mashaum@fcg.net

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: bdhall@ghg.net (Benjamin D. Hall)  
Subject: Re: TBX-5 and radioactivity  
Message-ID: <3.0.32.19970508134255.0069f64c@mailman.ghgcorp.com>

> I really think all this radioactive material warnings on  
>boatanchors are extremely over exaggerated.  
>So, forget about R-390 meters and TBX radiation already and just  
>enjoy!

I just wanted to add a few comments here. When I was in college, I spent a summer specifying the demilitarization and disposal of nuclear reactor components, and became very familiar with hazardous materials and the RCRA, OSHA, EPA, and haz mat disposal practices of such.

I'll agree that most likely, the radiation threat from TBX's and R-390(A) meters is overrated. The problem is that there isn't a huge amount of data on the long term effects of low level radiation exposure. (Therefore, the Resource Conservation and Recovery Act (RCRA), the part of the CFR dealing with haz-mat disposal, requires special disposal for anything just barely radioactive, to be safe) However, I'll still treat them with respect! When I have kids, I'm not going to let them eat the paint or the meters

(meters, yumm! Maybe toddlers ate all those missing R-390A meters? ;), nor will I place the TBX under the baby's crib. I've also removed a radioactive switch from my R-366, that when I operated it, was uummm, well, near something I don't want it near if I want normal looking kids eventually.

Bottom line, my Geiger counter, a fairly sensitive unit, cannot tell the difference from background radiation in my apartment from the radiation from my R-390, R-725, and R-390A meters from one foot away. I'm not worried. Lead / tin solder is probably more harmful to my health than these meters...

Thanks and 73,  
Ben

---

Benjamin D. Hall - Junque collector extraordinaire.  
Located in Houston Texas.  
e-mail: BDHall@ghg.net  
web page: <http://www.ghgcorp.com/bdhall>

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: Ho4bart@aol.com  
Subject: Re: TBX-5 and radioactivity  
Message-ID: <970509125153\_1719782628@emout08.mail.aol.com>

In a message dated 97-05-08 11:50:44 EDT, dail@CEBAF.GOV (Walter Dail) writes:

<< So, forget about R-390 meters and TBX radiation already and just enjoy! >>

well, there's actually a difference between radium paint being on the face of an indicating meter and radium paint being on a thumbwheel knob on the TBX radio, and i can see for myself that whatever lacquer was used to hold down the radium, is now flaking off. should i ignore this? likely not. also, i don't feel that on a (for example) thumbwheel knob, my best solution is just to spray more sealant over the knob, thanks. i'll find a way to replace the knob. i don't think the radium watch face analogy fits for these 2 different components, do you?  
hue miller

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: w7ni@teleport.com (Stan Griffiths)  
Subject: Re: TEK Scope Doctor on board?  
Message-ID: <199705090949.CAA10710@kim.teleport.com>



>I'm diagnosing a TEK RM31A, prior to repair, and could use some advice.  
>  
>Main symptom is blowing the main fuse immediately after the 45 second delay  
>timer turns the HV section on. When first powered up there was no  
>horizotal deflection. I have no schematic or manual as yet.  
>  
>Is there a doctor in the house?  
>  
>-df  
>  
>  
>\* CWest Tube Sales - P.O.B. 22443 SLC, UT 84103 \*  
>\* [http://www.usa.net/~dfrancis/CWest\\_Tube\\_Sales.html](http://www.usa.net/~dfrancis/CWest_Tube_Sales.html) \*

Howdy df,

Sounds like you got a hard short somewhere. Deep in the center of your RM31A is a bank of diodes. There should be 16 of them and they can be checked for shorts right in circuit with a common ohm meter or diode checker. Do that first and replace any shorted or open ones.

If that is not the problem, you may have one of the regulated or unregulated power supply voltages grounded somewhere or possibly one supply connected to another supply. A manual would sure help at this point so you can see where to make power supply resistance-to-ground checks. Power tansformer is good or the fuse would blow BEFORE the relay clicks in. In a rare case, an electrolytic can short and some of them are not energized until the relay closes.

If you want to buy a manual, Deane Kidd (address and phone number in the back of my book) can make a copy for you.

Let me know if these simple suggestions do not get you running again.

Stan w7ni@teleport.com

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: Jerry Proc <jproc@bellglobal.com>  
Subject: Toronto Surplus and Scientific Web Page  
Message-ID: <01BC5C7F.E6433F20@finlay.bellglobal.com>

Dear BA Enthusiasts,

I just got off the phone with Toronto Surplus and Scientific and I found =  
out that they have a Web page. It's currently under construction and it =  
looks like it will be very comprehensive once it is completed. The URL =

is:

[www.torontosurplus.com](http://www.torontosurplus.com)

Regards,  
Jerry Proc  
[jproc@bellglobal.com](mailto:jproc@bellglobal.com)

From [boatanchors@sco.theporch.com](mailto:boatanchors@sco.theporch.com) Fri May 9 14:16:06 1997  
From: "Ray L. Mote" <[rmote@rain.org](mailto:rmote@rain.org)>  
Subject: Re: Transformer ID  
Message-ID: <Pine.SUN.3.95.970509064319.9256A-100000@coyote.rain.org>

Jim, you ought to check my article from ER (June & July '95) on WW2 nomenclature systems to understand the second set of numbers you listed. You'll need to get the manufacturers' designation codes as well. Both are maintained in the BA Archives, along with a bunch of other info on WW2 systems (well over a megabyte!).

CTH-301186: Originally assigned for use with SL-b radar, made by Thordarson (CTH). 115VAC 1-ph 50-60 cps input @ 50 watts, 10.6 ohms DC resistance. Sec #1 is 5V @ 5A, insulated for 300VAC to ground. Sec #2 is 6.3V @ 1.8A, also 300VAC to ground. Sec #3 is 6.3VAC @ 0.6A, also 300VAC to ground. Nomenclature assigned 9/30/43.

CTH-30798: Originally assigned for use with SJ radar, also made by Thordarson. Choke, 3.5H at 65V, 120 cps with 0.45ADC. Peak voltage to ground 600V. 1694 turns of #24 enameled wire; 27.2 ohms DC. Nomenclature assigned 12/3/41.

CCV-301184: Originally for SL-a radar, made by Acme Electric (NAVSHIPS 900,109 shows these made by CADF which is Standard Transformer Corp.). Primary is 115VAC 1-ph 60 cps @ 1.13A, 126 watts, 2.1 ohms DC resistance. Sec #1 is 840V @ .115A, 240 ohms DC resistance. Sec #2 is 6.5V @ 7A, .025 ohms DC resistance; insulated for 350V to ground. Nomenclature assigned 9/29/43.

CCV-301185: Originally assigned for SL-a radar, made by Acme Electric (and also Stancor, as above). Primary is 115VAC, 1-ph, 60 cps, 46 watts, 1.09A, 2.2 ohms DC resistance. Sec #1 is 78V @ 1.2A, 1.4 ohms DC resistance. Sec #2 is 6.5V @ 2.0A, .094 ohms DC resistance.

CJE-30988: Originally assigned for SL radar, made by Jefferson Electric Co. Primary 115VAC 60 cps, 330 watts, 3A. Secondaries:

Terminals 3-4     5.1V @ 3.0A  
          5-6     5.1V @ 3.0A  
          7-8     6.3V @ 2.5A  
          9-10    6.3V @ 1.25A  
         11-12    6.5V @ 11.0A  
         13-17    850V @ .225A  
         14-16    500V @ .125A  
          15     center tap for both HV windings

Nomenclature issued 1/28/43.

CTH-30970: Originally assigned for SL radar, made by Thordarson.  
Primary 115VAC 1-ph 50-60 cps, 38 watts, 0.32A. Terminals 1-2 are 800  
turns #26 enameled wire 12.8 ohms DC resistance. Secondary is 21V @  
1.55A, tapped at 17V and 19V, using terminals 3, 4, 5, and 6. This is  
159 turns #19 enameled wire tapped at 129 and 144 turns; 0.66 ohms  
total DC resistance. This is claimed to be a filament transformer.  
Nomenclature assigned 1/7/42.

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: jmlckwd@mindspring.com (Jim Lockwood)  
Subject: Treasures in the attic....  
Message-ID: <199705082234.SAA21142@borg.mindspring.com>

Gang,

Some of you may know that I'm in Georgia at the moment going thru my parents  
house disposing of their things. A lot of my things are here, too, as it  
turns out.

One of the real surprises this week has been the discovery of a 1964 receipt  
from Ack Radio in Atlanta for \$65. The item purchased? My very first  
DX-100. Traded my DX-60 in on that, as I recall.

You just never know what's going to turn up in a place that has been  
undisturbed for nearly half a century!

73,

Jim - km6nk/4

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: "Gene S. Katz" <gkatz@motown.lmco.com>  
Subject: Tubes for sale  
Message-ID: <Chameleon.970509123358.gkatz@pc062164.motown.lmco.com>

-----  
Name: Gene Katz  
E-mail: gkatz@motown.lmco.com  
From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: Ken Gordon <keng@uidaho.edu>  
Subject: Verniers...  
Message-ID: <Pine.BSF.3.95.970508214135.18307B-100000@piobaire.mines.uidaho.edu>

anyone got any spare verniers like the ones which were on the TU-XX tuning units? I need 4. I am thinking of the round, black ones about 4" in diameter with the 0-100 or 0-180 logging scale.

Kenneth G. Gordon W7EKB                      College of Mines and Earth Resources  
226 N. Washington St.                      //or//                      University of Idaho  
Moscow, Idaho 83843                      Moscow, Idaho 83844  
(208)-882-8745                      (208)-885-6133  
Great Highland Pipes, Amateur Radio, Electronic Consulting, Home-Schooling  
Traditional Roman Catholic

My PGP Public Key Upon Request.

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: Richard Loken <richardlo@devax.admin.athabasca.ca>  
Subject: W.J.Ford Surplus: a testimonial

Yesterday I called up W.J.Ford in Smiths Falls, Ontario and quothe I, "Send me an HP 606"

Quoth he, "the price is based on cosmetics, varies from \$120.00 to \$165.00".

Quoth I, "for that price send me a pretty one, Send me an A if its a lot nicer then any of the B's."

Today, I got a call. "We found you a very nice 606A, we tested it and it has output but the meter sticks. Would you mind if we send along another meter?"

Me, "of course I don't mind but I don't expect that kind of service with a surplus unit."

He, "oh its such a nice generator that I would hate to see it in service with a bad meter if you can fix it."

Me, "Why and A and not a B?"

He, "The B's are all beat up and dirty and this A is so nice."

And all that for CDN\$125.00 plus GST and freight! I never had much complaint about Fair Radio but the sure don't meet that level of service!

Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those  
Athabasca University : tuques we wear, our heads  
Athabasca, Alberta Canada : are naked!"  
\*\* richardlo@admin.athabascau.ca \*\* : - Arthur Black

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: kb5wwwo@juno.com (George Folse)  
Subject: Wanted HR10B Rec.  
Message-ID: <19970508.173403.4935.4.kb5wwwo@juno.com>

Hello All,

Looking for a HR10B rec in good working condition with manual. I had a deal going ,but it went south.  
Thanks,

George Folse KB5WWO kb5wwwo@juno.com  
630 Dolhonde St.  
Gretna,La.70053  
504-362-1896 ph/fax  
Collector of Heathkit,EF Johnson,and Atwater Kent AMI#937

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: Glen Galati <eldim@worldnet.att.net>  
Subject: Wilcox 807 VHF Transceiver  
Message-ID: <19970509083600.AAA7318@GLENGALA>

Hello Bob,

Saw your msg. on BA via Tom Norris concerning your need for info on the Wilcox 807.  
What type of info do you need?  
I have manuals on Wilcox 807A which were part of the AN/GRC-155 communications central.  
Installed on the M-151 4x4 and was called AN/MRC-107.

807 is a VHF transceiver and covers freq.  
range of 116.000 thru 149.975 mhz.;  
25 khz spacing, 1360 channels,  
mode is AM (half duplex voice).  
Tuning is automatic. It is capable of 40 watts.  
Operates from 28 vdc.  
Have several of the AN/GRC-153A Communications centrals  
which were part of the AN/MRC-108.  
Let me know what other info you need.  
73,Glen Galati,KA7BOJ, retired ROMAD (Vietnam 66-67)  
eldim@worldnet.att.net

From boatanchors@sco.theporch.com Fri May 9 14:16:06 1997  
From: "William C. Robbins" <billrobb@net-link.net>  
Subject: WTB: Collins Overlay  
Message-ID: <199705091237.IAA08870@serv01.net-link.net>

I have been fortunate enough to get a Collins 32S-1. It needs the front  
panel overlay replaced. Does anyone out there have one or know of one?? I  
will be in Dayton if that works out.

Bill

From boatanchors@sco.theporch.com Thu May 8 22:58:31 1997  
From: afpgreg@state.me.us (Paul V. Gregory)  
Subject: Xfrm ID's  
Message-ID: <199705081810.0AA05505@gatekeeper.ddp.state.me.us>

Ahoy,

After just parting out several commercial VHF GE rx's and one  
Motorola tx, I'd love to know spec's and pinouts for the gaggle of  
transformers I now have. Some questions:

1) Can I find out their values by serial numbers shown on the xfrm  
side?

2) Is there an omniscient resource for acquiring schematics for  
these old beasts (I've saved the GE identity plates)?

3) The Motorola has no identity plate on the chassis, but Motorola  
numbers are evident on the xfrms themselves. Am I stuck? This carcass was  
the most interesting of the lot: it ultimately drove two 2 6146Bs, so I  
assume I've got the makin's for building my first tx--one that'll deliver  
reasonable output on 80 and/or 40 meters. Is this a good start  
for such a project or are these dumpster darlings only boatanchor ballast?

Advice is welcome! TIA es tnx de KB1AOC, Paul

afpgreg@state.me.us